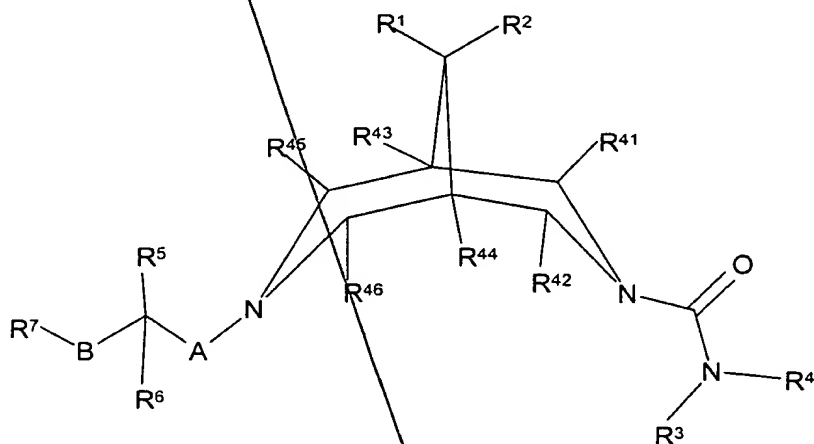


Sub  
133



wherein

10 R<sup>1</sup> and R<sup>2</sup> independently represent H, C<sub>1-4</sub> alkyl, OR<sup>2b</sup> or N(R<sup>2c</sup>)R<sup>2d</sup>, or together form -O-(CH<sub>2</sub>)<sub>2</sub>-O-, -(CH<sub>2</sub>)<sub>3</sub>-, -(CH<sub>2</sub>)<sub>4</sub>- or -(CH<sub>2</sub>)<sub>5</sub>-;

$R^{2b}$ ,  $R^{2c}$  and  $R^{2d}$  independently represent H or  $C_{1-6}$  alkyl;

R<sup>3</sup> represents H, C<sub>1-6</sub> alkyl or, together with R<sup>4</sup>, represents C<sub>3-6</sub> alkylene  
 15 (which alkylene group is optionally interrupted by an O atom and/or is  
 optionally substituted by one or more C<sub>1-3</sub> alkyl groups);

R<sup>4</sup> represents H, C<sub>1-12</sub> alkyl, C<sub>1-6</sub> alkoxy (which latter two groups are both optionally substituted and/or terminated by one or more substituents selected from -OH, halo, cyano, nitro, C<sub>1-4</sub> alkyl and/or C<sub>1-4</sub> alkoxy),  
 20 -(CH<sub>2</sub>)<sub>q</sub>-aryl, -(CH<sub>2</sub>)<sub>q</sub>-oxyaryl, -(CH<sub>2</sub>)<sub>q</sub>-Het<sup>1</sup> (which latter three groups are optionally substituted (at the -(CH<sub>2</sub>)<sub>q</sub>- part and/or the aryl/Het<sup>1</sup> part) by one or more substituents selected from -OH, halo, cyano, nitro, -C(O)R<sup>10</sup>, -C(O)OR<sup>11</sup>, -N(H)S(O)<sub>2</sub>R<sup>11a</sup>, C<sub>1-6</sub> alkyl and/or C<sub>1-6</sub> alkoxy),

R<sup>8</sup> represents H, C<sub>1-6</sub> alkyl, aryl (which latter group is optionally substituted and/or terminated by one or more substituents selected from -OH, halo, cyano, nitro, -C(O)R<sup>10</sup>, -C(O)OR<sup>11</sup>, -N(H)S(O)<sub>2</sub>R<sup>11a</sup>, C<sub>1-6</sub> alkyl and/or C<sub>1-6</sub> alkoxy) or, together with R<sup>9</sup>, represents C<sub>3-7</sub> alkylene;

15  $R^{41}, R^{42}, R^{43}, R^{44}, R^{45}$  or  $R^{46}$  independently represent H or  $C_{1-3}$  alkyl;

R<sup>5</sup> represents H, halo, C<sub>1-3</sub> alkyl, -OR<sup>12</sup>, -N(R<sup>13</sup>)R<sup>12</sup> or, together with R<sup>6</sup>, represents =O;

R<sup>6</sup> represents H, C<sub>1-4</sub> alkyl or, together with R<sup>5</sup>, represents =O;

20 R<sup>12</sup> represents H, C<sub>1-6</sub> alkyl, -S(O)<sub>2</sub>-C<sub>1-4</sub>-alkyl, -C(O)R<sup>14</sup>, -C(O)OR<sup>14</sup>,  
-C(O)N(R<sup>15</sup>)R<sup>15a</sup> or aryl (which latter group is optionally substituted and/or  
terminated by one or more substituents selected from -OH, halo, cyano,  
nitro, -C(O)R<sup>10</sup>, -C(O)OR<sup>11</sup>, -N(H)S(O)<sub>2</sub>R<sup>11a</sup>, C<sub>1-6</sub> alkyl and/or C<sub>1-6</sub>  
alkoxy);

25 R<sup>13</sup> represents H or C<sub>1-4</sub> alkyl;

R<sup>14</sup> represents H or C<sub>1-6</sub> alkyl;

R<sup>15</sup> and R<sup>15a</sup> independently represent H or C<sub>1-4</sub> alkyl, or together represent C<sub>3-6</sub> alkylene, optionally interrupted by an O atom;

A represents a single bond,  $C_{1-6}$  alkylene,  $-N(R^{16})(CH_2)_r-$  or  $-O(CH_2)_r-$  (in which two latter groups, the  $-(CH_2)_r-$  group is attached to the bispidine nitrogen atom);

B represents a single bond,  $C_{1-4}$  alkylene,  $-(CH_2)_nN(R^{17})-$ ,  $-(CH_2)_nS(O)_p-$ ,

5  $-(CH_2)_nO-$  (in which three latter groups, the  $-(CH_2)_n-$  group is attached to the carbon atom bearing  $R^5$  and  $R^6$ ),  $-C(O)N(R^{17})-$  (in which latter group, the  $-C(O)-$  group is attached to the carbon atom bearing  $R^5$  and  $R^6$ ),

$-N(R^{17})C(O)O(CH_2)_n-$ ,  $-N(R^{17})(CH_2)_n-$  (in which two latter groups, the  $N(R^{17})$  group is attached to the carbon atom bearing  $R^5$  and  $R^6$ ) or

10  $-(CH_2)_mC(H)(OH)(CH_2)_n-$  (in which latter group, the  $-(CH_2)_m-$  group is attached to the carbon atom bearing  $R^5$  and  $R^6$ );

m represents 1, 2 or 3;

n and r independently represent 0, 1, 2, 3 or 4;

p represents 0, 1 or 2;

15  $R^{16}$  and  $R^{17}$  independently represent H or  $C_{1-4}$  alkyl;

$R^7$  represents  $C_{1-6}$  alkyl, aryl or Het<sup>2</sup>, all of which groups are optionally substituted and/or terminated (as appropriate) by one or more substituents selected from -OH, cyano, halo, amino, nitro, Het<sup>3</sup>,  $-C(O)R^{10}$ ,

20  $-C(O)OR^{11}$ ,  $C_{1-6}$  alkyl,  $C_{1-6}$  alkoxy,  $-N(H)S(O)_2R^{18}$ ,  $-S(O)_2R^{19}$ ,  $-OS(O)_2R^{20}$ ,  $-N(H)C(O)N(H)R^{21}$ ,  $-C(O)N(H)R^{22}$  and/or aryl (which latter group is optionally substituted by one or more cyano groups);

Het<sup>2</sup> and Het<sup>3</sup> independently represent a five to twelve-membered heterocyclic group containing one or more heteroatoms selected from  
25 oxygen, nitrogen and/or sulfur, and which also optionally includes one or more =O substituents;

$R^{18}$ ,  $R^{19}$  and  $R^{20}$  independently represent  $C_{1-6}$  alkyl;

$R^{21}$  and  $R^{22}$  independently represent H or  $C_{1-6}$  alkyl (optionally terminated by cyano); and

Sub  
B3

0363722 0363722

*Sub B3*  
 $R^{10}$  and  $R^{11}$  independently represent, at each individual occurrence, H or  $C_{1-6}$  alkyl;

$R^{11a}$  represents, at each individual occurrence,  $C_{1-6}$  alkyl;

or a pharmaceutically acceptable derivative thereof;

provided that:

(a) when A and B are both single bonds and  $R^7$  is optionally substituted aryl, then  $R^5$  and  $R^6$  do not both represent H;

(b) when A represents a single bond, then  $R^5$  and  $R^6$  do not together represent =O; and

(c) when  $R^5$  represents  $-OR^{12}$  or  $-N(R^{13})R^{12}$ , then:-

(i) A does not represent  $-N(R^{16})(CH_2)_r-$  or  $-O(CH_2)_r-$ ; and/or

(ii) n does not represent 0 when B represents  $-(CH_2)_nN(R^{17})-$ ,  $-(CH_2)_nS(O)_p-$  or  $-(CH_2)_nO-$ .

2. A compound as claimed in Claim 1, wherein  $R^1$  represents H.

3. A compound as claimed in Claim 1 ~~or Claim 2~~, wherein  $R^2$  represents H.

*Claim 1*  
 4. A compound as claimed in any one of the preceding claims, wherein  $R^3$  represents H;  $C_{1-2}$  alkyl; or, together with  $R^4$  represents  $C_{4-5}$  alkylene, optionally interrupted by an O atom and/or optionally substituted by one or more methyl groups.

5. A compound as claimed in Claim 4, wherein  $R^3$  represents H.

*claim 1*

6. A compound as claimed in ~~any one of the preceding claims~~, wherein  $R^4$  represents H; linear or branched and/or saturated or unsaturated and/or cyclic, acyclic and/or part cyclic/acyclic  $C_{1-8}$  alkyl (which alkyl group is optionally substituted by one or more cyano or halo groups and/or interrupted by an O atom);  $C_{1-6}$  alkoxy;  $-(CH_2)_qS(O)_2R^8$ ,  $-(CH_2)_qC(O)OR^8$ ,  $-(CH_2)_qN(H)C(O)R^8$ ,  $-(CH_2)_qC(O)R^8$ , (in which latter four groups,  $q$  represents 0, 1 or 2 and  $R^8$  represents linear or branched and/or acyclic, cyclic and/or part cyclic/acyclic  $C_{1-4}$  alkyl, or phenyl (which phenyl group is optionally substituted by one or more cyano and/or  $C_{1-3}$  alkyl groups));
- 10  $-(CH_2)_qC(O)N(R^9)R^8$  (in which latter group,  $q$  represents 0, 1 or 2 and  $R^8$  and  $R^9$  independently represent H, linear or branched and/or acyclic, cyclic and/or part cyclic/acyclic  $C_{1-4}$  alkyl, or together represent  $C_{4-6}$  alkylene);  $-(CH_2)_q$ -phenyl,  $-(CH_2)_q$ -oxyphenyl or  $-(CH_2)_q$ -Het<sup>1</sup> (in which latter three groups,  $q$  represents 0, 1, 2 or 3, the  $-(CH_2)_q$ - part is optionally substituted
- 15 by a cyano group, and the phenyl, or Het<sup>1</sup>, part is optionally substituted with one or more substituents selected from cyano, nitro, linear or branched  $C_{1-4}$  alkyl, linear or branched  $C_{1-4}$  alkoxy and  $N(H)S(O)_2R^{11a}$ ); or, together with  $R^3$ , represents  $C_{4-5}$  alkylene, optionally interrupted by an O atom and/or optionally substituted by one or more methyl groups.

20

*claim 1*

7. A compound as claimed in ~~any one of the preceding claims~~, wherein  $R^5$  represents H; fluoro;  $OR^{12}$  (in which  $R^{12}$  represents H, phenyl (optionally substituted by one or more methoxy groups) or  $C(O)N(H)R^{15a}$  (in which  $R^{15a}$  represents linear or branched  $C_{1-4}$  alkyl));  $-N(R^{13})(R^{12})$  (in which  $R^{12}$
- 25 represents H,  $C_{1-2}$  alkyl,  $-S(O)_2-C_{1-2}$  alkyl,  $-C(O)R^{14}$  (in which  $R^{14}$  represents  $C_{1-2}$  alkyl),  $-C(O)OR^{14}$  (in which  $R^{14}$  represents linear or branched  $C_{1-5}$  alkyl) or  $-C(O)N(R^{15})(R^{15a})$  (in which  $R^{15}$  and  $R^{15a}$  independently represent H or linear or branched  $C_{1-3}$  alkyl or together represent  $C_{4-5}$  alkylene, which

alkylene group is optionally interrupted by an O atom) and  $R^{13}$  represents H or  $C_{1-2}$  alkyl); or, together with  $R^6$ , represents  $=O$ .

8. A compound as claimed in Claim 7, wherein  $R^5$  represents H, OH or  
5  $-N(H)C(O)N(R^{15})(R^{15a})$ .

*claim 1*  
9. A compound as claimed in ~~any one of the preceding claims~~, wherein  $R^6$  represents H or  $C_{1-2}$  alkyl or together with  $R^5$  represents  $=O$ .

10 10. A compound as claimed in Claim 9, wherein  $R^6$  represents H.

*claim 1*  
11. A compound as claimed in ~~any one of the preceding claims~~, wherein A represents a single bond, linear or branched  $C_{1-4}$  alkylene (which group is also optionally interrupted by O),  $-N(H)(CH_2)_r-$  or  $-O(CH_2)_r-$  (in which  
15 latter two cases r is 1 or 2).

12. A compound as claimed in Claim 11, wherein A represents  $-CH_2-$  or  $-(CH_2)_2-$ .

*claim 1*  
20 13. A compound as claimed in ~~any one of the preceding claims~~, wherein B represents a single bond,  $C_{1-4}$  alkylene,  $-(CH_2)_nO-$ ,  $-(CH_2)_nS(O)_2-$ ,  $-(CH_2)_nN(H)-$  or  $-N(H)(CH_2)_n-$  (in which latter four cases n is 0, 1, 2 or 3).

25 14. A compound as claimed in Claim 13, wherein B represents a single bond,  $-CH_2N(H)-$  or  $-CH_2O-$ .

*claim 1*  
15. A compound as claimed in ~~any one of the preceding claims~~, wherein  $R^7$  represents linear or branched and/or acyclic, cyclic and/or part cyclic/acyclic  $C_{1-6}$  alkyl (optionally substituted and/or terminated by OH);

Het<sup>2</sup> (optionally substituted by one or more substituents selected from cyano, C<sub>1-3</sub> alkyl, phenyl (which latter group is optionally substituted with one or more cyano groups), =O, C(O)R<sup>10</sup> (in which R<sup>10</sup> is linear or branched C<sub>1-3</sub> alkyl) or S(O)<sub>2</sub>R<sup>19</sup> (in which R<sup>19</sup> is C<sub>1-2</sub> alkyl)); or phenyl  
 5 (optionally substituted by one or more substituents selected from cyano, nitro, linear or branched C<sub>1-3</sub> alkyl, linear or branched C<sub>1-3</sub> alkoxy, fluoro, chloro, C(O)N(H)R<sup>22</sup> (in which R<sup>22</sup> represents linear or branched and/or acyclic, cyclic and/or part cyclic/acyclic C<sub>1-4</sub> alkyl, which alkyl group is optionally terminated by cyano), N(H)S(O)<sub>2</sub>R<sup>18</sup> (in which R<sup>18</sup> represents C<sub>1-2</sub>  
 10 alkyl) or Het<sup>3</sup>).

5b  
 16. A compound as claimed in Claim 15, wherein R<sup>7</sup> represents phenyl  
 13d  
 (substituted by a cyano group (preferably in the 4-position relative to B) and  
 by one or more optional C(O)N(H)R<sup>22</sup> substituent).

15  
 17. A compound as claimed in ~~any one of the preceding claims~~, wherein  
 R<sup>41</sup>, R<sup>42</sup>, R<sup>43</sup>, R<sup>44</sup>, R<sup>45</sup> and R<sup>46</sup> all represent H.

18. A pharmaceutical formulation including a compound as defined in ~~any~~  
 20 ~~one of Claims 1 to 17~~ in admixture with a pharmaceutically-acceptable  
 adjuvant, diluent or carrier.

19. A pharmaceutical formulation for use in the prophylaxis or the  
 treatment of an arrhythmia, comprising a compound as defined in ~~any one~~  
 25 ~~of Claims 1 to 17~~.

20. A compound as defined in ~~any one of Claims 1 to 17~~ for use as a  
 pharmaceutical.

*Claim 1*

21. A compound as defined in ~~any one of Claims 1 to 17~~ for use in the prophylaxis or the treatment of an arrhythmia.

*Claim 1*

22. The use of a compound as defined in ~~any one of Claims 1 to 17~~ as active ingredient in the manufacture of a medicament for use in the prophylaxis or the treatment of an arrhythmia.

23. The use as claimed in Claim 22, wherein the arrhythmia is an atrial or a ventricular arrhythmia.

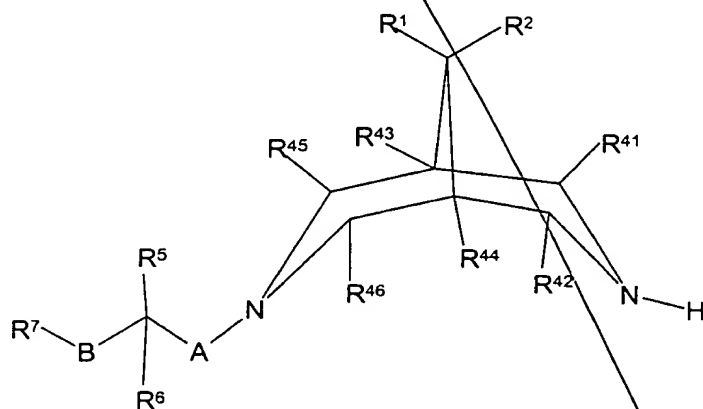
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24. A method of prophylaxis or treatment of an arrhythmia which method comprises administration of a therapeutically effective amount of a compound as defined in ~~any one of Claims 1 to 17~~ to a person suffering from, or susceptible to, such a condition.

15

25. A process for the preparation of a compound of formula I as defined in Claim 1 which comprises:

(a) for compounds of formula I in which  $R^3$  is H, reaction of a compound of formula II,



II



wherein  $R^1$ ,  $R^2$ ,  $R^5$ ,  $R^6$ ,  $R^7$ ,  $R^{41}$ ,  $R^{42}$ ,  $R^{43}$ ,  $R^{44}$ ,  $R^{45}$ ,  $R^{46}$ , A and B are as defined in Claim 1 with a compound of formula III,



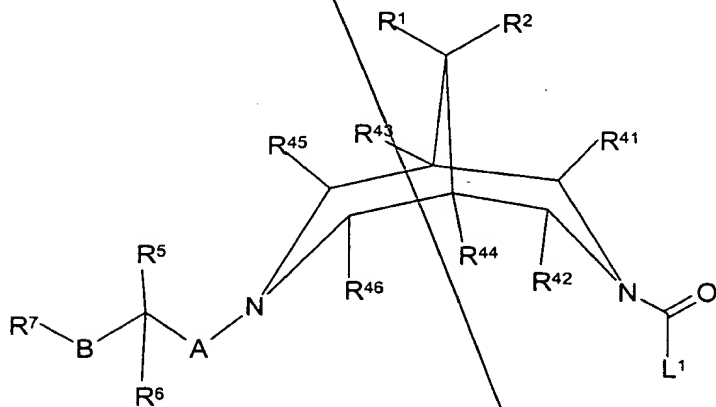
wherein  $R^4$  is as defined in Claim 1;

- 5 (b) reaction of a compound of formula II, as defined above, with a carbonic acid derivative of formula IV,



wherein  $L^1$  represents a leaving group and  $R^3$  and  $R^4$  are as defined in Claim 1;

- 10 (c) reaction of a compound of formula V,



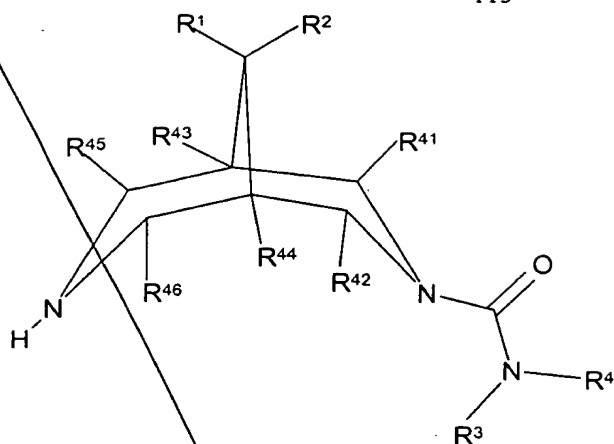
V

- 15 wherein  $L^1$  is as defined above and  $R^1$ ,  $R^2$ ,  $R^5$ ,  $R^6$ ,  $R^7$ ,  $R^{41}$ ,  $R^{42}$ ,  $R^{43}$ ,  $R^{44}$ ,  $R^{45}$ ,  $R^{46}$ , A and B are as defined in Claim 1, with a compound of formula VA,



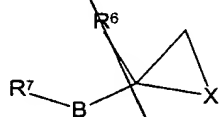
wherein  $R^3$  and  $R^4$  are as defined in Claim 1;

- 20 (d) for compounds of formula I in which A represents  $CH_2$  and  $R^5$  represents  $-OH$  or  $-N(H)R^{12}$ , reaction of a compound of formula VI,



VI

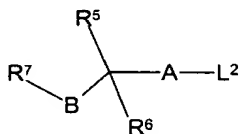
wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^{41}$ ,  $R^{42}$ ,  $R^{43}$ ,  $R^{44}$ ,  $R^{45}$  and  $R^{46}$  are as defined in Claim 1, with a compound of formula VII,



VII

wherein X represents O or  $N(R^{12})$  and  $R^6$ ,  $R^7$ ,  $R^{12}$  and B are as defined in Claim 1;

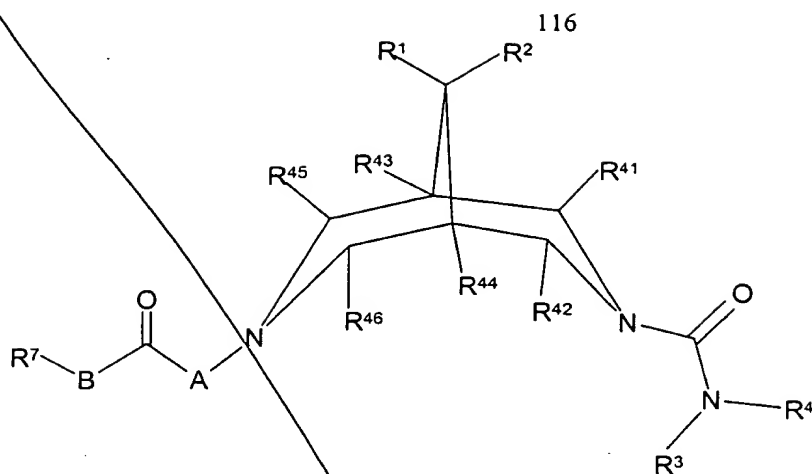
- (e) reaction of a compound of formula VI, as defined above, with a compound of formula VIII,



VIII

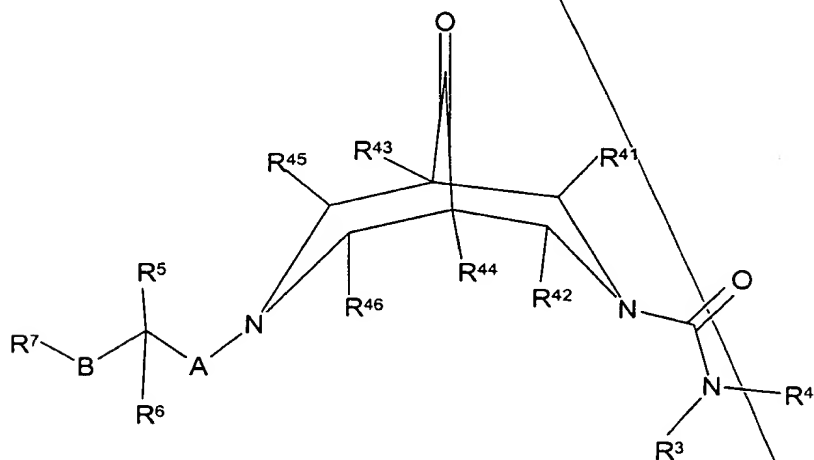
- wherein  $L^2$  represents a leaving group and  $R^5$ ,  $R^6$ ,  $R^7$ , A and B are as defined in Claim 1;

(f) for compounds of formula I in which  $R^5$  represents H or OH and  $R^6$  represents H, reduction of a compound of formula IX,



wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^7$ ,  $R^{41}$ ,  $R^{42}$ ,  $R^{43}$ ,  $R^{44}$ ,  $R^{45}$ ,  $R^{46}$ , A and B are as defined in Claim 1;

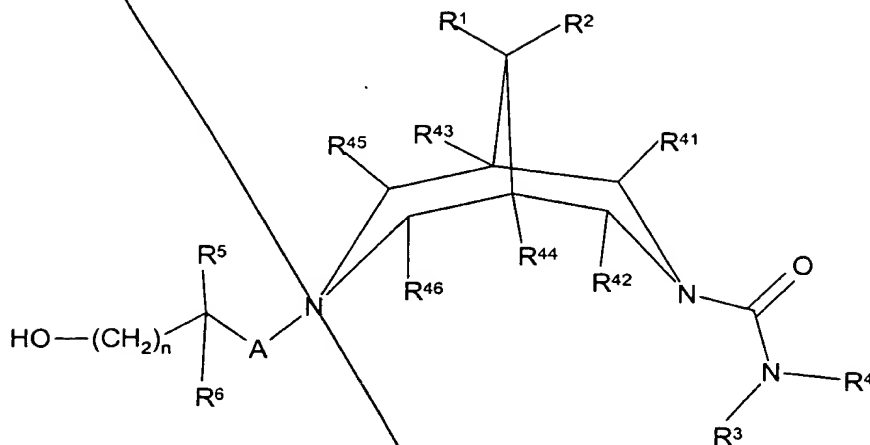
(g) for compounds of formula I in which one of  $R^1$  and  $R^2$  represents H or OH and the other represents H, reduction of a corresponding compound of formula X,



wherein  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ ,  $R^7$ ,  $R^{41}$ ,  $R^{42}$ ,  $R^{43}$ ,  $R^{44}$ ,  $R^{45}$ ,  $R^{46}$ , A and B are as defined in Claim 1;

(h) for compounds of formula I in which  $R^1$  and  $R^2$  together represent  $-O(CH_2)_2O-$ , reaction of a corresponding compound of formula X as defined above with ethane-1,2-diol;

(i) for compounds of formula I in which B represents  $-(CH_2)_nO-$ , reaction of a compound of formula XI,



5 wherein  $R^1, R^2, R^3, R^4, R^5, R^6, R^{41}, R^{42}, R^{43}, R^{44}, R^{45}, R^{46}, A$  and  $n$  are as defined in Claim 1, with a compound of formula XIA,



XIA

in which  $R^7$  is as defined in Claim 1;

10 (j) for compounds of formula I which are bispidine-nitrogen N-oxide derivatives, oxidation of the corresponding bispidine nitrogen of a corresponding compound of formula I;

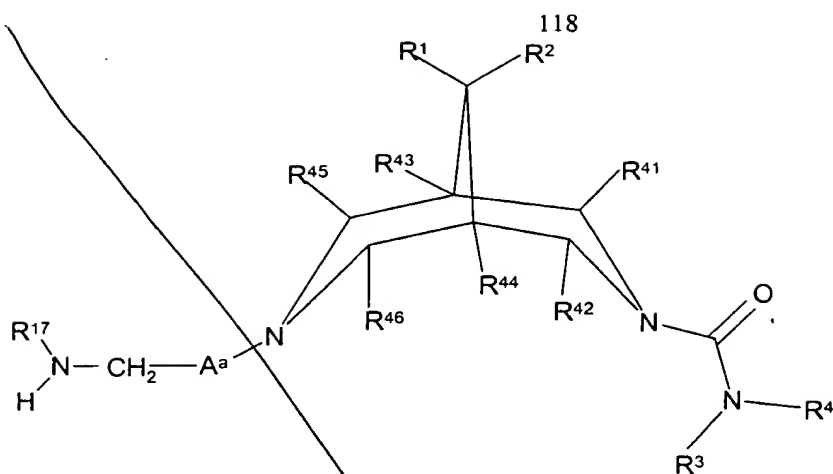
(k) for compounds of formula I which are  $C_{1-4}$  alkyl quaternary ammonium salt derivatives, in which the alkyl group is attached to a bispidine nitrogen, reaction, at the bispidine nitrogen, of a corresponding compound  
15 of formula I with a compound of formula XII,



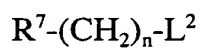
XII

wherein  $R^b$  represents  $C_{1-4}$  alkyl and  $L^3$  is a leaving group;

20 (l) for compounds of formula I in which  $R^5$  and  $R^6$  represent H, A represents  $C_{1-6}$  alkylene and B represents  $-N(R^{17})(CH_2)_n-$ , reaction of a compound of formula XIII,

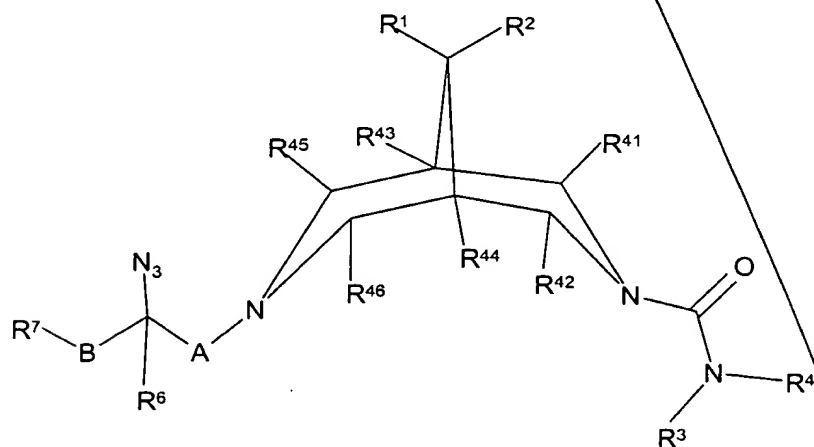


wherein A<sup>a</sup> represents C<sub>1-6</sub> alkylene and R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>41</sup>, R<sup>42</sup>, R<sup>43</sup>, R<sup>44</sup>,  
 5 R<sup>45</sup>, R<sup>46</sup> and R<sup>17</sup> are as defined in Claim 1 with a compound of formula  
 XIV,



XIV

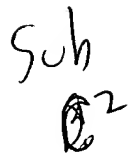
wherein L<sup>2</sup> is as defined above and R<sup>7</sup> and n are as defined in Claim 1;  
 (m) for compounds of formula I in which R<sup>5</sup> represents -NH<sub>2</sub>, reduction of a  
 10 corresponding compound of formula XV,



wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>41</sup>, R<sup>42</sup>, R<sup>43</sup>, R<sup>44</sup>, R<sup>45</sup>, R<sup>46</sup>, A and B are as  
 defined in Claim 1;

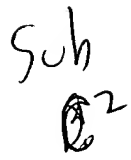
**Chemical**

Sub  
Q2



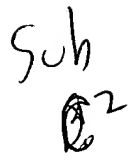
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Q2

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Q2



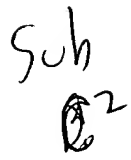
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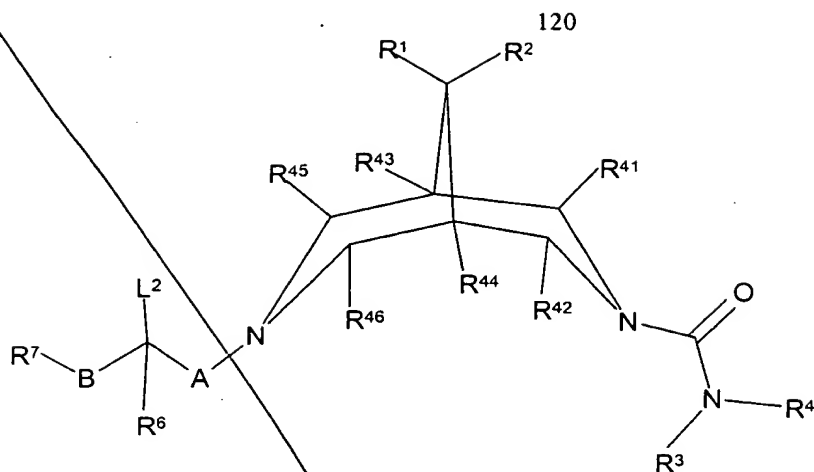
Sub  
Q2

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Q2



Sub  
Q2

Sub  
Q2



wherein  $L^2$  is as defined above and  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^6$ ,  $R^7$ ,  $R^{41}$ ,  $R^{42}$ ,  $R^{43}$ ,  $R^{44}$ ,  $R^{45}$ ,  $R^{46}$ , A and B are as defined in Claim 1 with a compound of formula XIX as defined above;

(s) for compounds of formula I in which  $R^5$  represents  $OR^{12}$  and  $R^{12}$  represents  $C(O)R^{14}$ , reaction of a corresponding compound of formula I in which  $R^5$  represents OH with a compound of formula XXI,



XXI

wherein  $R^{14}$  is as defined in Claim 1;

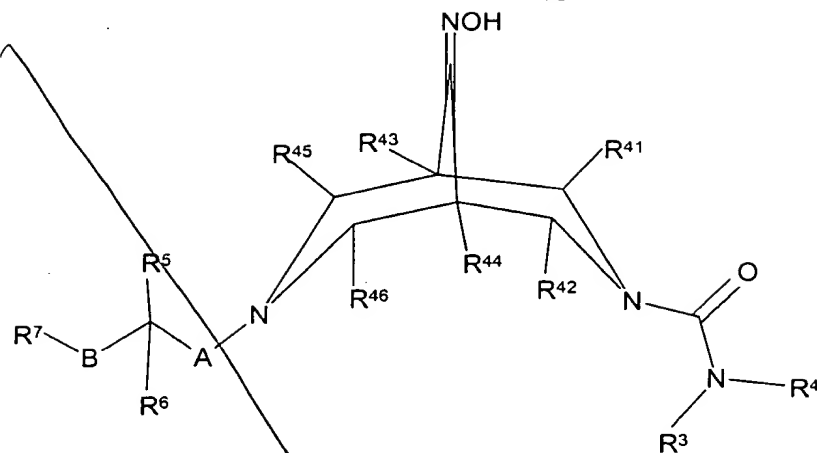
(t) for compounds of formula I in which  $R^5$  represents halo, substitution of a corresponding compound of formula I in which  $R^5$  represents -OH, using an appropriate halogenating agent;

(u) for compounds of formula I in which  $R^3$  and/or  $R^4$  as appropriate represent alkyl groups, alkylation of a corresponding compound of formula I, in which  $R^3$  and/or  $R^4$  (as appropriate) represent H;

(v) conversion of one  $R^4$  group to another;

(w) for compounds of formula I in which one of  $R^2$  and  $R^3$  represents

-NH<sub>2</sub> and the other represents H, reduction of a compound of formula XXIA,



XXIA

wherein  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ ,  $R^7$ ,  $R^{41}$ ,  $R^{42}$ ,  $R^{43}$ ,  $R^{44}$ ,  $R^{45}$ ,  $R^{46}$ ,  $A$  and  $B$  are as defined in Claim 1;

(x) for compounds of formula I in which one or both of  $R^1$  and  $R^2$  represent  $-N(R^{2c})R^{2d}$  in which one or both of  $R^{2c}$  and  $R^{2d}$  represents  $C_{1-6}$  alkyl, alkylation of a corresponding compound of formula I in which  $R^1$  and/or  $R^2$  represent  $-N(R^{2c})R^{2d}$  (as appropriate) in which  $R^{2c}$  and/or  $R^{2d}$  (as appropriate) represent H, using a compound of formula XXIB,



XXIB

wherein  $R^{2e}$  represents  $C_{1-6}$  alkyl and  $L^1$  is as defined above;

(y) conversion of one substituent on  $R^7$  to another; or

(z) deprotection of a protected derivative of a compound of formula I as defined in Claim 1.

26. A compound of formula II, as defined in Claim 25, or a protected derivative thereof, provided that  $R^7$  does not represent optionally substituted phenyl.



27. A compound of formula V, as defined in Claim 25, or a protected derivative thereof, provided that  $R^7$  does not represent optionally substituted phenyl.

5 28. A compound of formula X as defined in Claim 25, or a protected derivative thereof.

29. A compound of formula XI as defined in Claim 25, or a protected derivative thereof.

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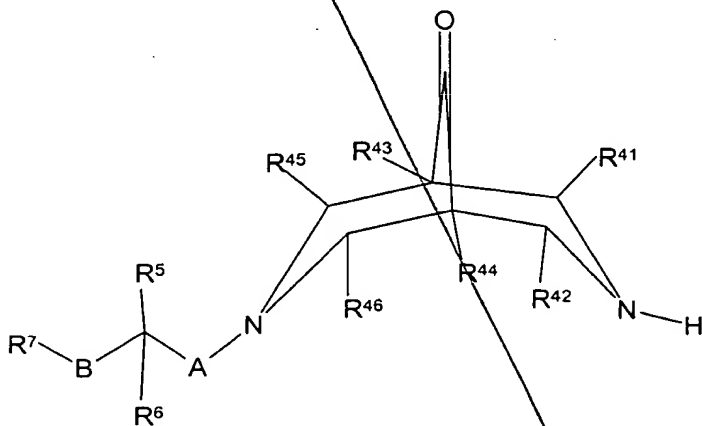
30. A compound of formula XIII, as defined in Claim 25, or a protected derivative thereof.

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31. A compound of formula XV, as defined in Claim 25, or a protected derivative thereof.

32. A compound of formula XX, as defined in Claim 25, or a protected derivative thereof.

20 33. A compound of formula XXIII,



XXIII

Sub  
B6

Sub  
C4

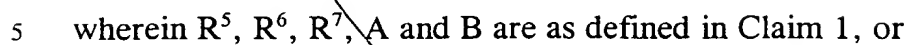
[illegible]

(i) a compound of formula XXXV,



15 wherein R<sup>z</sup> represents C<sub>1-10</sub> alkyl or C<sub>1-3</sub> alkylaryl and R<sup>41</sup>, R<sup>42</sup>, R<sup>43</sup> and R<sup>44</sup>  
are as defined in Claim 1, or

(1) a compound of formula XXXVI,



in all cases in the presence of a formaldehyde and, in the case of compounds of formulae X and XXV, followed by conversion of the C(O)OR<sup>z</sup> group in the resultant intermediate to a C(O)N(R<sup>3</sup>)(R<sup>4</sup>) group.

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36. A process as claimed in Claim 35, in which the reaction is carried out in the presence of an organic acid.

37. A process as claimed in Claim 36, in which the organic acid is acetic  
15 acid.

add  
B7